

HISEAFA

HIGH-PERFORMANCE

Powder Coated Steel Coils

Factory-verified materials for industrial buildings, coastal projects, cold storage, food-processing facilities and cleanroom systems.

FACTORY VISITED

EXPORT SUPPORT

CUSTOM SPECIFICATIONS

Qingdao Haiyunyi Technology & Trading Co., Ltd.



Factory-Verified Sourcing, Not Stock Imagery

The brochure is built from HISEAFA's on-site visits to coated-steel manufacturers in Binzhou, Shandong.

What HISEAFA adds

- Factory and production-line verification
- Specification matching and technical-document coordination
- Sample, production and inspection follow-up
- Export packing, documentation and logistics support



BINZHOU FACTORY VISITS | JUNE 2026

WHY POWDER COATING

Thicker. Denser. Built for durability.

Powder coating uses a 100% solid coating system. The mill positions it as an upgrade to traditional solvent-based prepainted steel for demanding environments.

ZERO VOC PROCESS*

HIGH FILM BUILD

Typical mill comparison

ATTRIBUTE	TRADITIONAL PAINT	POWDER COATED
Coating thickness	15-30 μm	20-120 μm
Formability	$\leq 3T$ typical	0T / 180° bend*
Hardness	$\geq H$ typical	$\geq 5H^*$
Curing	15-30 minutes	15-30 seconds*
VOC	Solvent emissions	Zero-VOC process*

*Typical values stated in partner-mill materials; confirm per final specification and test report.

Build the Coil Around the Application

Substrate, coating system, finish and functional requirements should be specified together.



01

Substrates

Galvanized steel, galvalume, zinc-aluminum-magnesium, cold-rolled steel, stainless steel and aluminum.

02

Coating systems

SPE, HCR, HDP, SCR, SDP, epoxy, fluorocarbon and zinc-rich functional systems.

03

Surface effects

Plain, matte, satin, sand texture, orange peel, hammer tone, metallic and custom visual finishes.

04

Functional options

Antibacterial, anti-static, easy-clean, stain-resistant, heat-insulating and high-temperature options.

TYPICAL TECHNICAL PERFORMANCE

Performance designed for demanding environments

20-120 μm

Coating thickness range*

$\geq 5\text{H}$

Pencil hardness*

0T / 180°

Bending performance*

$\geq 3,000$ h

Neutral salt spray*

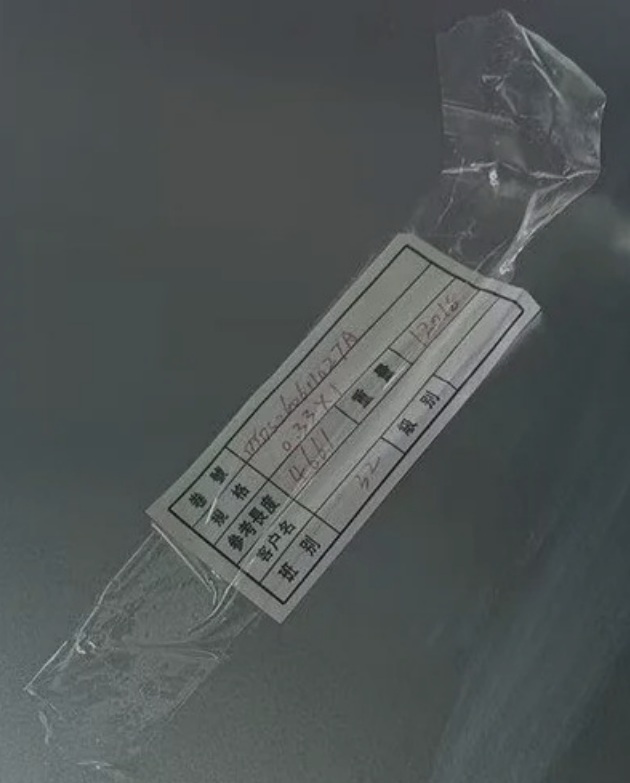
$\geq 2,400$ h

UV aging test*

Zero VOC

Powder coating process*

**Values are taken from Nice Deer technical materials and are not a blanket warranty. Final values must be confirmed for each coating system and order.*



Continuous Coil Production at Industrial Scale

High-speed coating and coil-processing capability supports repeatable specifications and volume supply.



220,000 t/y

Designed powder-coating
line capacity*

0.2-2.0 mm

Compatible steel
thickness*

650-1260 mm

Compatible strip width*

**Reported Nice Deer line capability. Confirm current production schedule and exact specification before contracting.*

Use the environment to define the specification

Powder coated steel should be positioned as a project material—not simply another low-price PPGI coil.

1 Industrial buildings

Factories, workshops and warehouses

2 Coastal projects

Salt-fog and high-humidity environments

3 Cold storage

Cold rooms and refrigerated logistics

4 Food processing

Washable and corrosion-resistant envelopes

5 Cleanrooms

Medical, pharmaceutical and electronics facilities

6 Power & chemical

Industrial corrosive environments

Best sales angle: longer service life + lower maintenance cost in harsh environments

From Specification to Export Packing

The commercial offer should connect technical data, production control and delivery evidence.



01 Specification lock

Substrate, grade, thickness, width, coating, color and performance.

02 Sample / test alignment

Approve visual finish and required technical documents.

03 Production follow-up

Track schedule, quantity and key process checkpoints.

04 Inspection & packing

Verify labels, appearance, coil protection and shipping marks.

One product direction, multiple verified capabilities

HISEAFA can coordinate powder coating, galvanizing, coil processing, color finishing, inventory and export packing through visited manufacturing partners.

COATING

GALVANIZING

PROCESSING

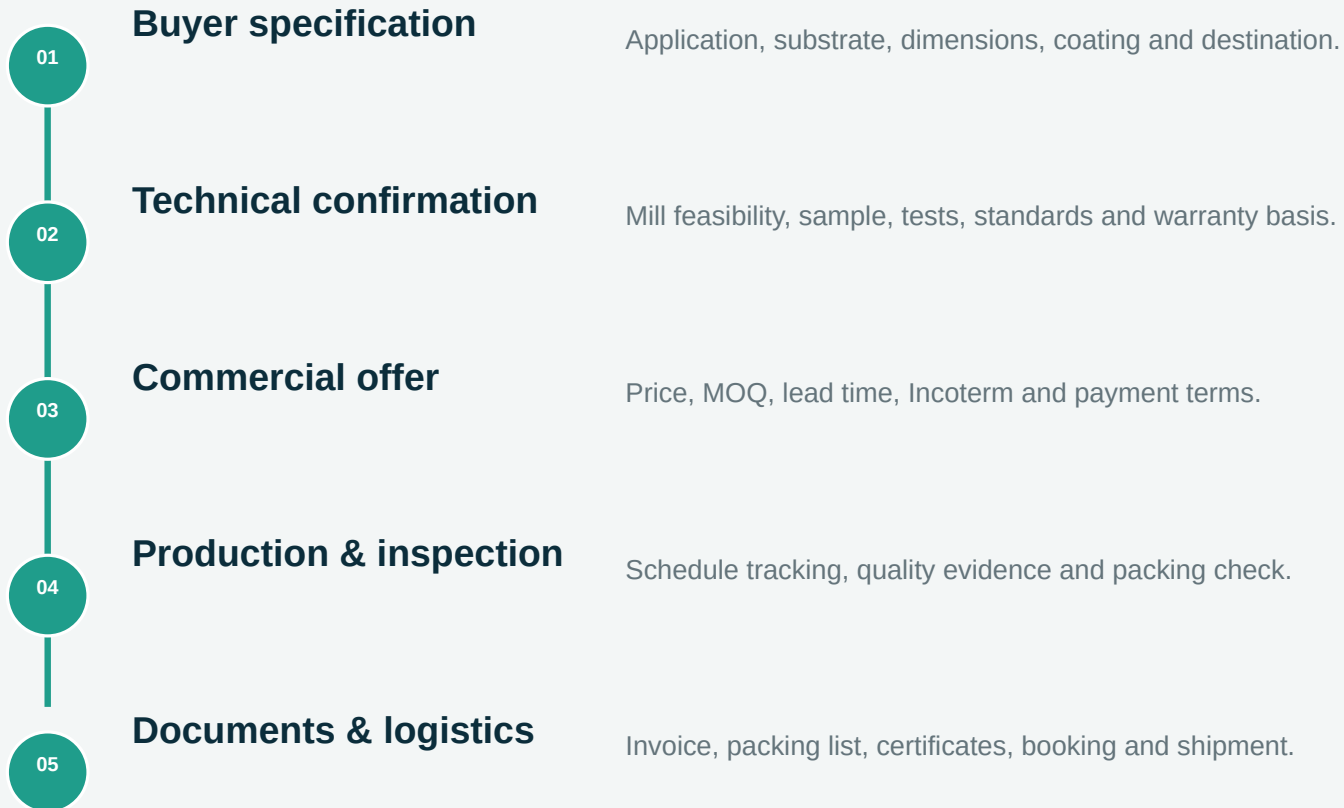
PACKAGING

Important: partner-mill images must be captioned as the HISEAFA supply network unless the exact factory identity is confirmed and authorized.



A Clear Path From Inquiry to Shipment

The aim is to reduce specification errors before production and maintain evidence at every handover.



What We Need From the Buyer

A complete specification produces a faster and more reliable quotation than asking only for “PPGI price”.

Product / application Roofing, wall panel, sandwich panel, appliance, cleanroom, door, etc.

Substrate & grade GI / GL / Zn-Al-Mg / CR / stainless / aluminum; DX51D, S350GD, etc.

Dimensions Base-metal thickness, finished thickness, width, coil ID and coil weight.

Metallic coating Zinc, aluzinc or Zn-Al-Mg coating mass and standard.

Powder coating SPE / HCR / HDP / SCR / SDP / fluorocarbon; single or double side.

Color & finish RAL or sample color; gloss, matte, texture, metallic or functional finish.

Performance / standards Salt spray, UV, bending, hardness, fire/food/cleanroom requirements.

Commercial data Quantity, destination port, Incoterm, required delivery date and payment method.

Send drawings, samples or an existing specification sheet whenever available.

HISEAFA

LET'S BUILD THE RIGHT SPECIFICATION

Powder Coated Steel Coils & Industrial Materials

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SCAN FOR INDUSTRIAL MATERIALS

Product information, inquiry form and
brochure updates

*Prepared from on-site factory visit photography and
partner-mill technical materials.*